

Figure 1

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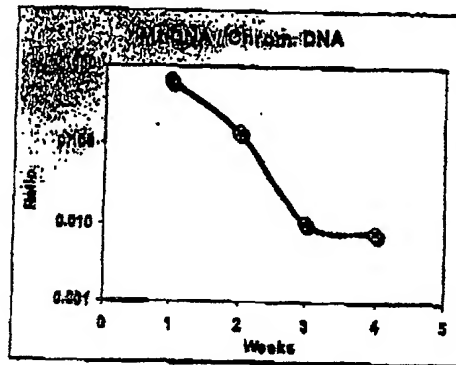


Figure 2

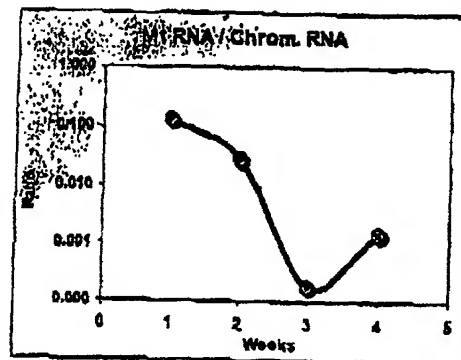
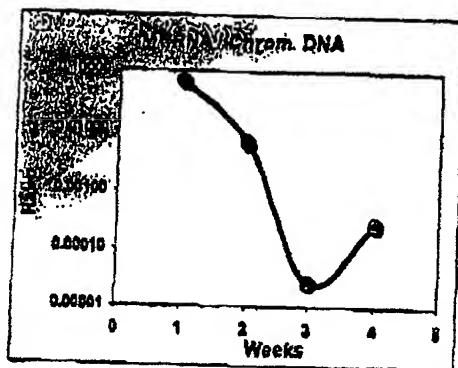


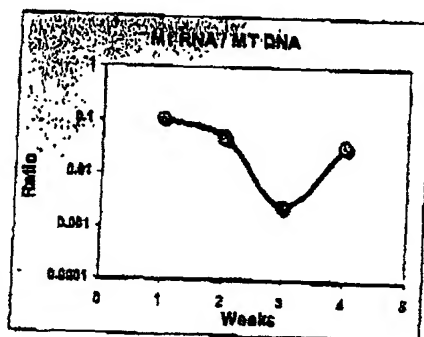
Figure 3

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**Figure 4**



**Figure 5**

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen et al.  
Serial No.: Not Yet Assigned  
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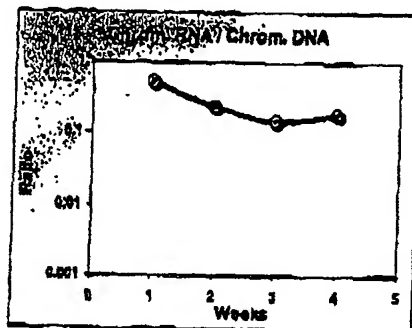


Figure 6

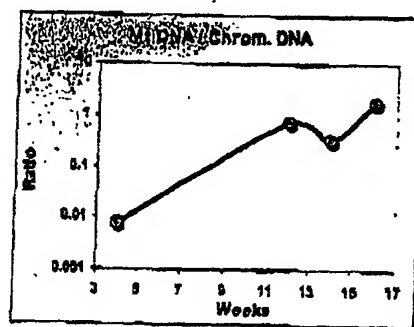


Figure 7

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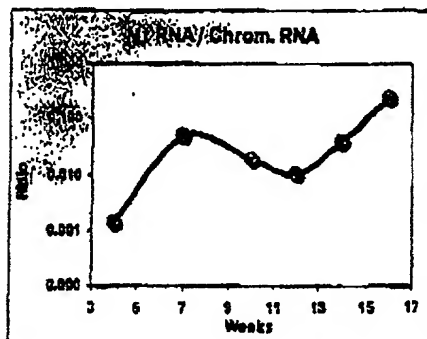


Figure 8

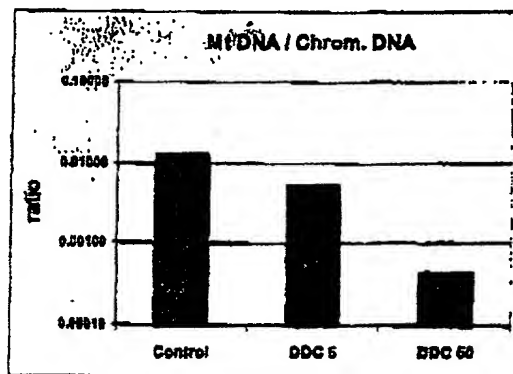


Figure 9

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5189US

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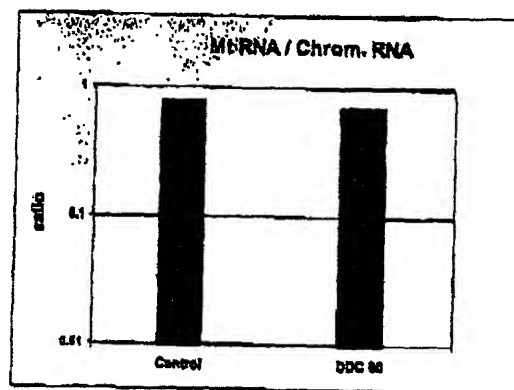


Figure 10

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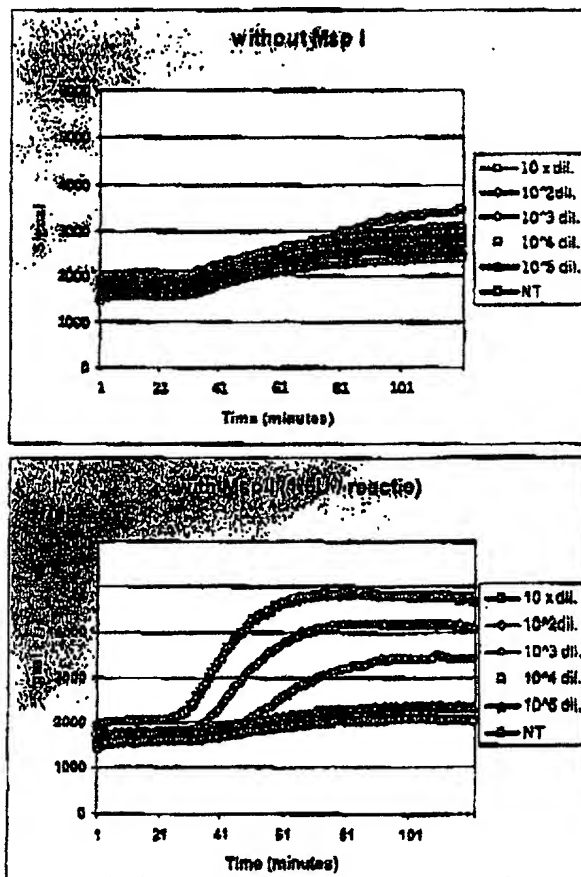
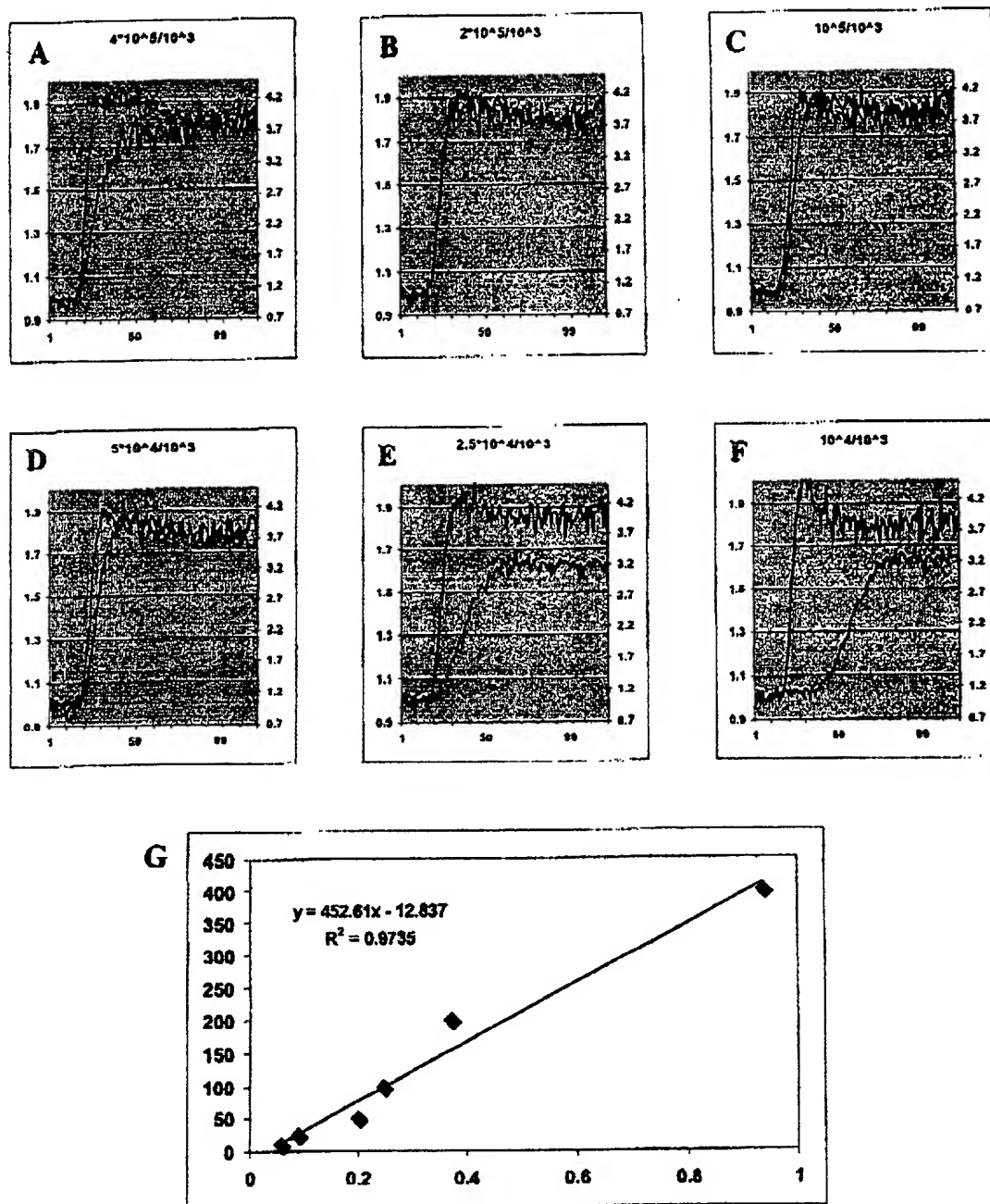


Figure 11.

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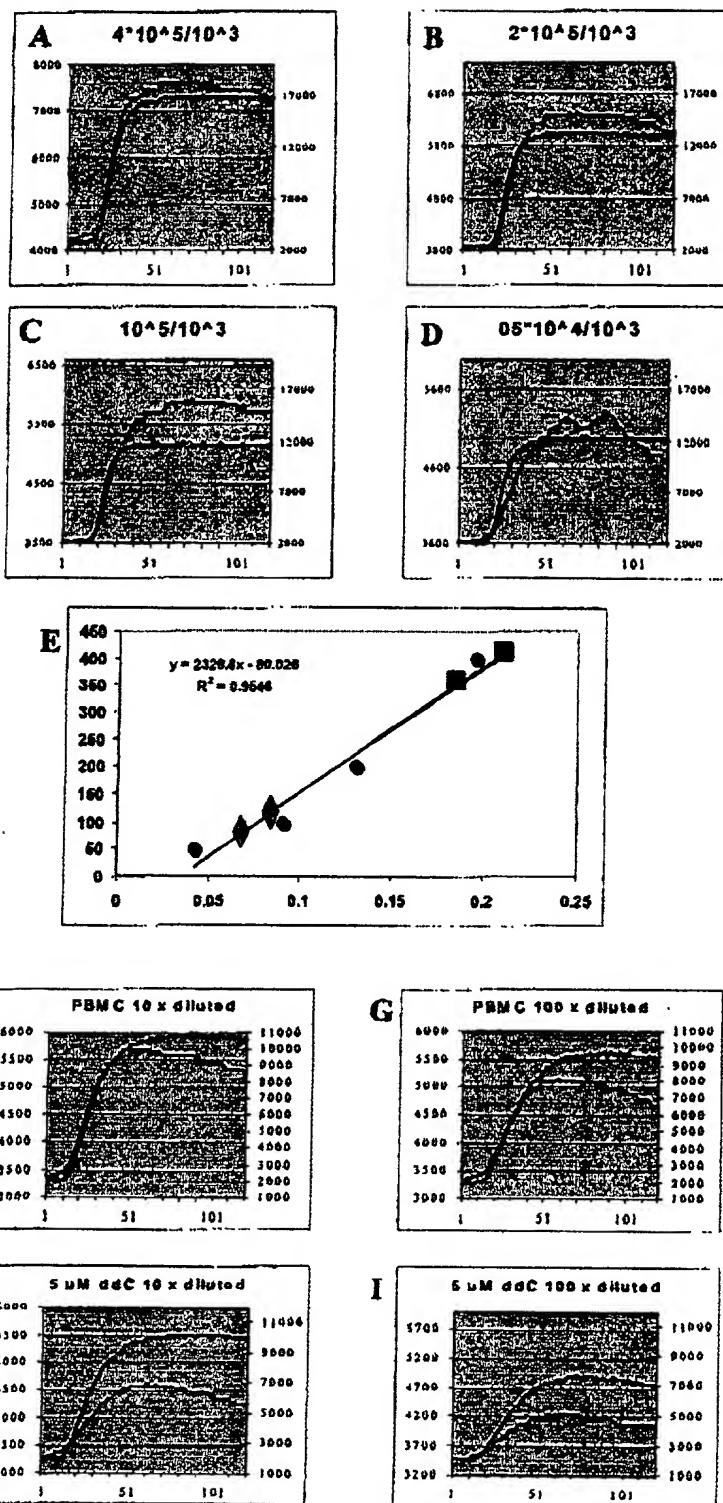
Figure 12





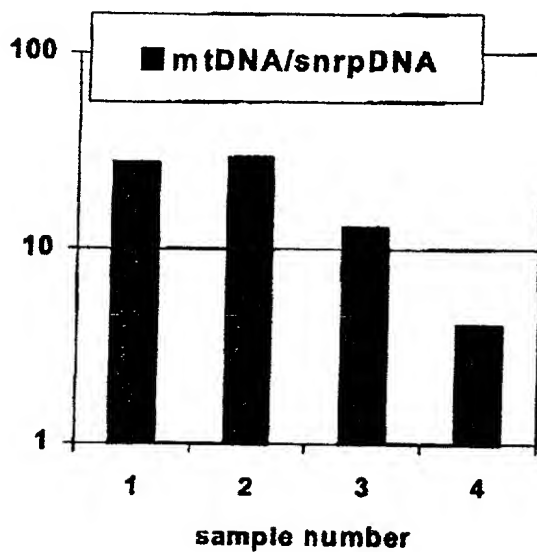
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Figure 13



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Figure 14



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TABLE 6003000T

# Lactate acidose patient (H0224)

M10620 (H 0224)

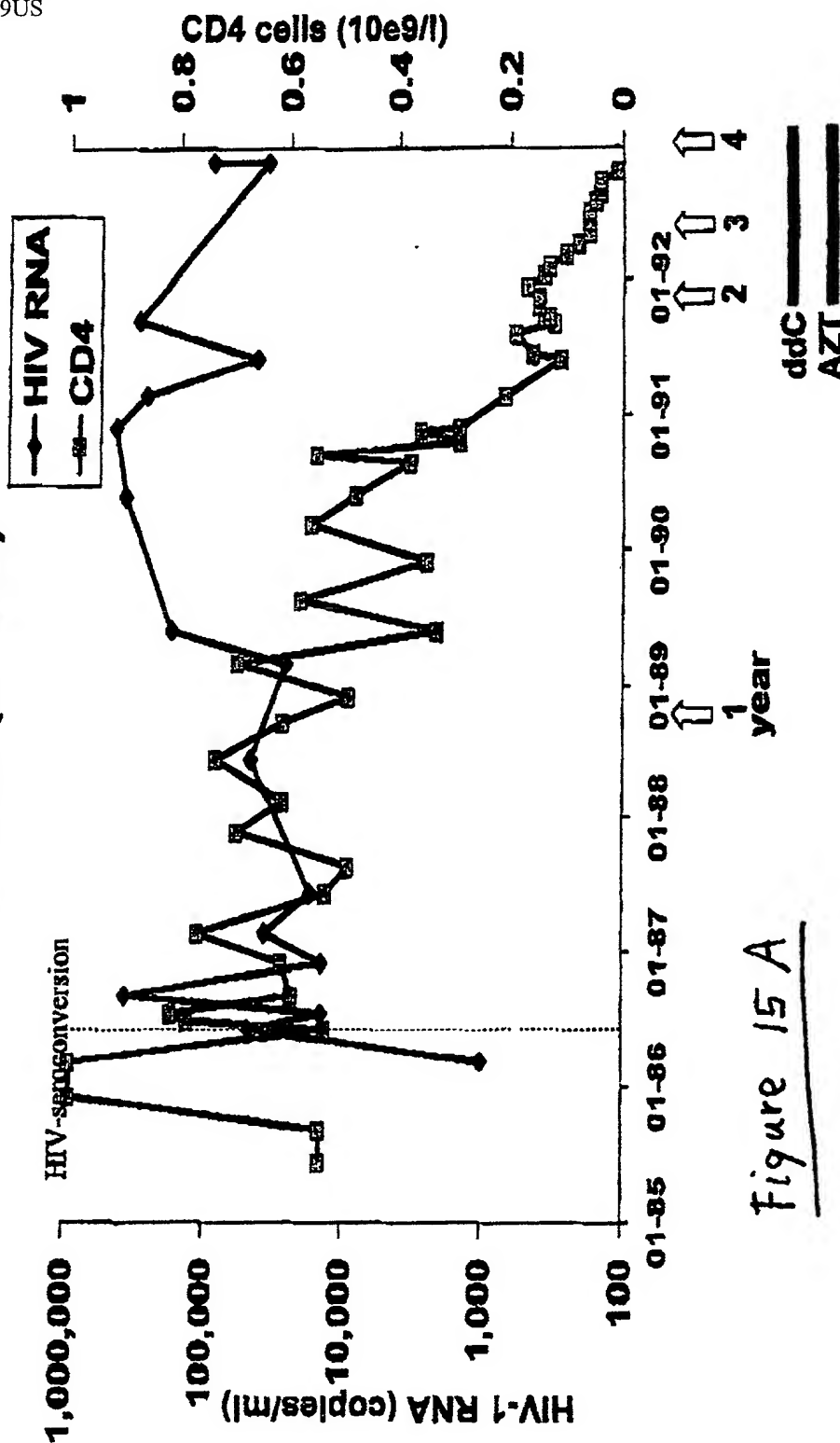


Figure 15 A

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## Lactate acidose patient (H0224)

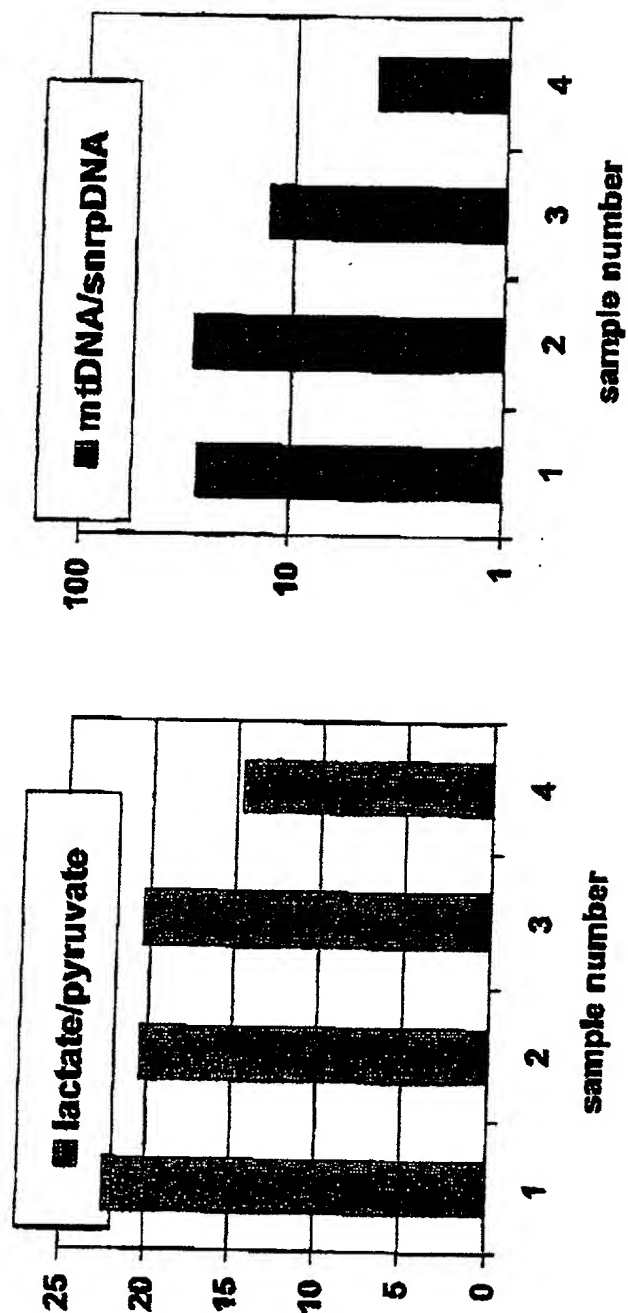
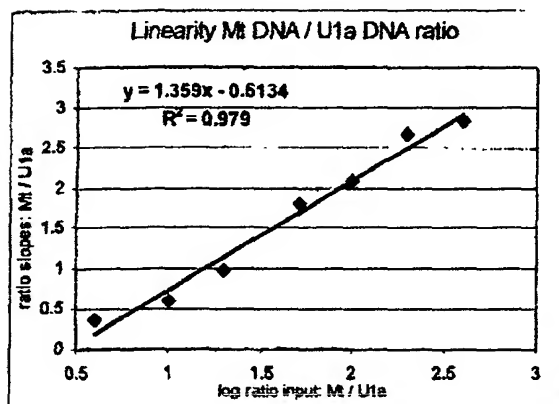
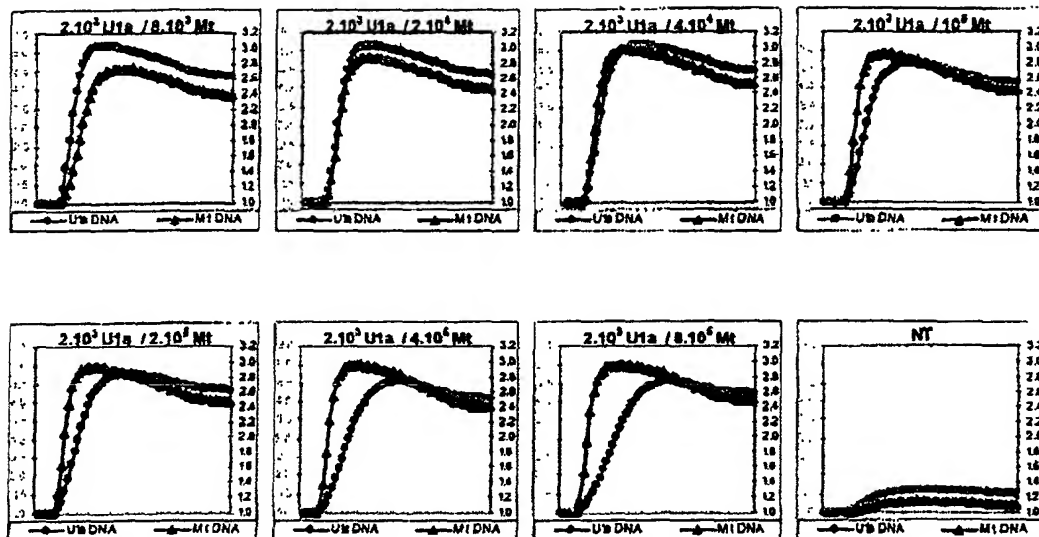


Figure 15 B

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Figure 16



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Figure 17

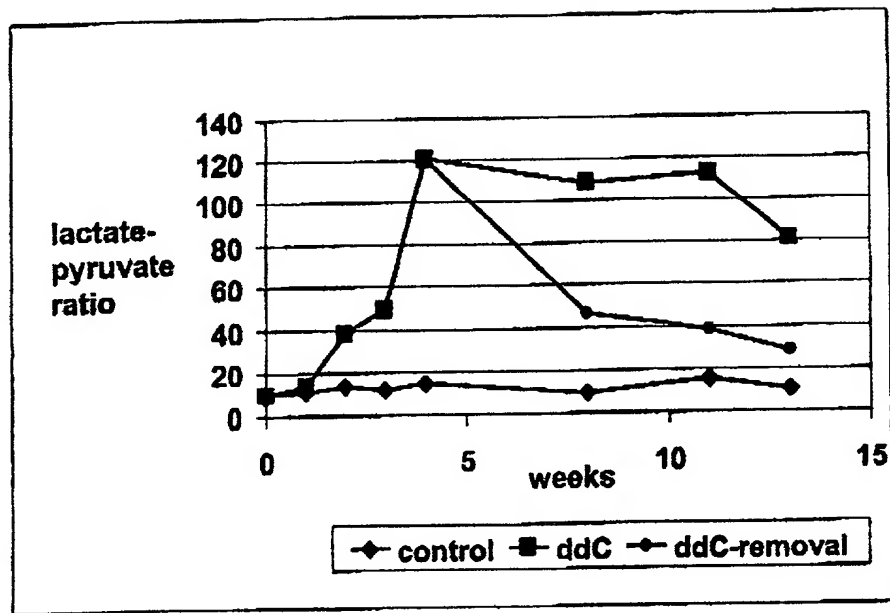
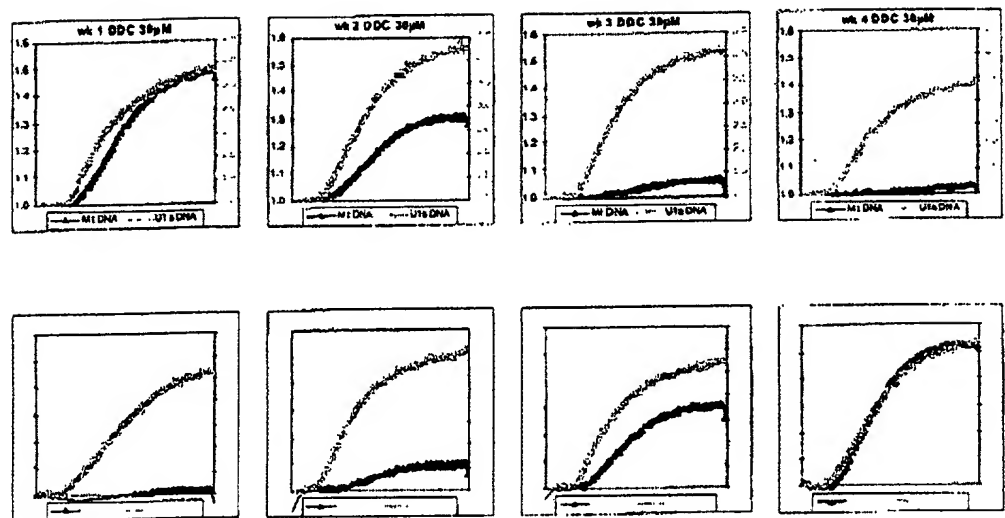
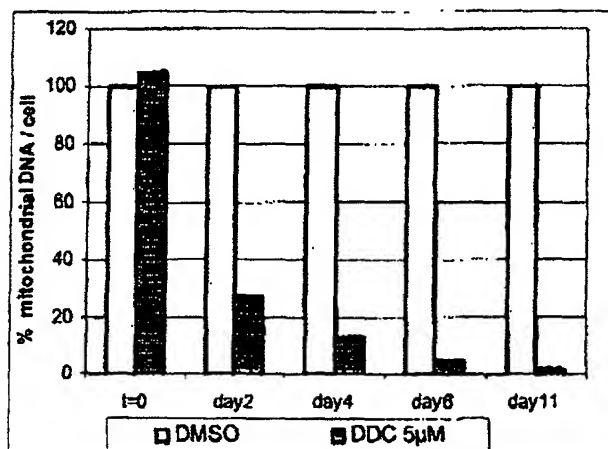


Figure 18



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Figure 19



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# Significant decrease of mtDNA in PBMC

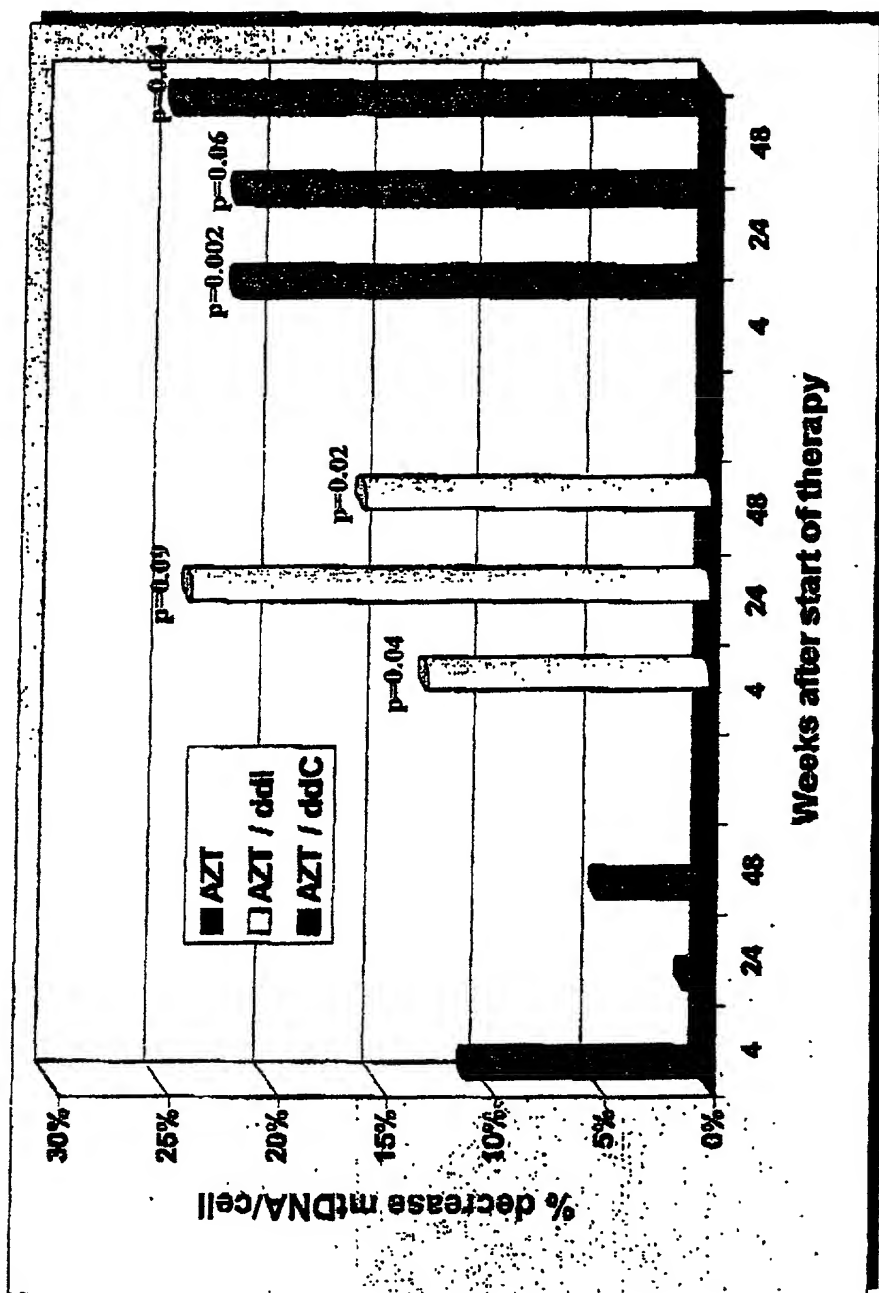


Figure 20



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# Copies mtDNA/cell for three individual patients

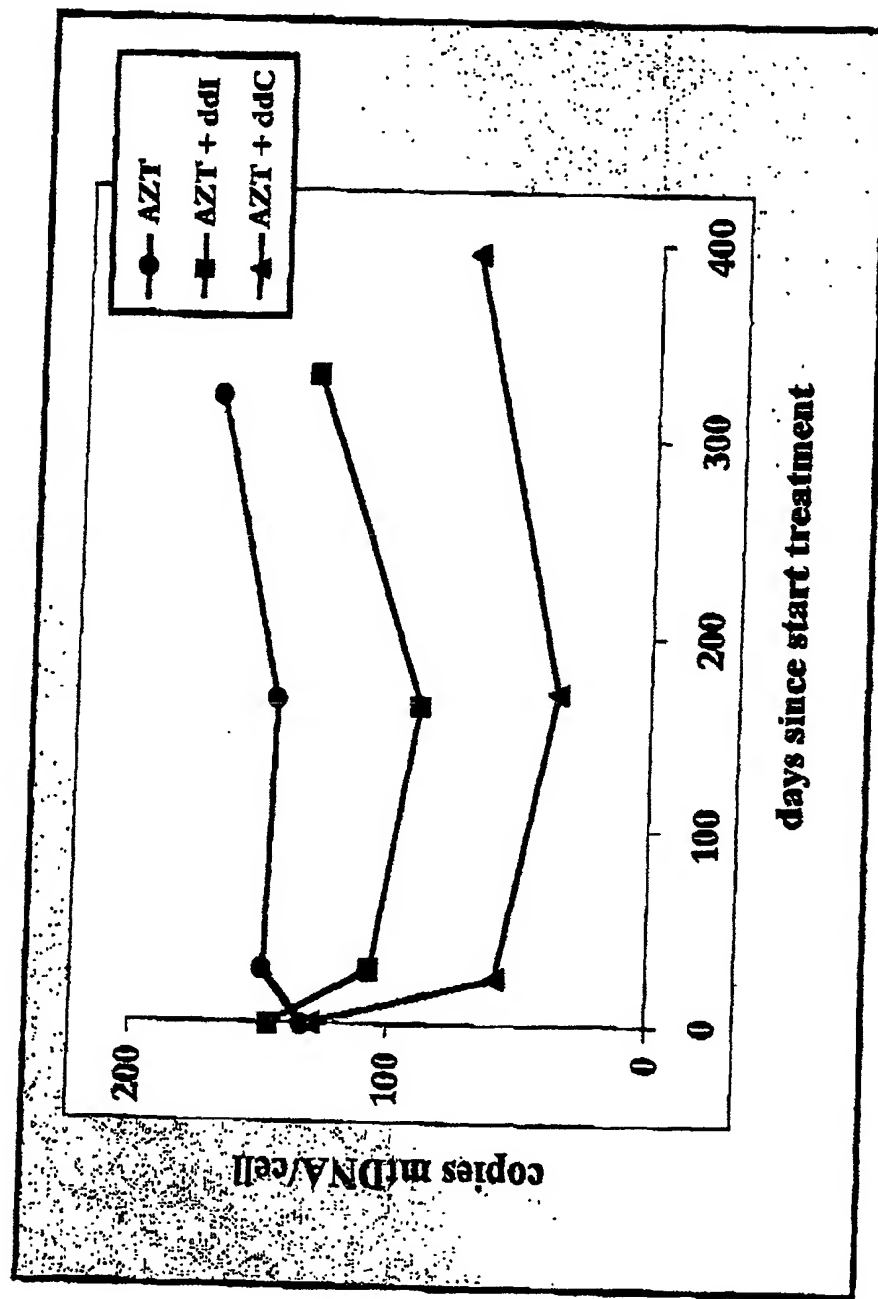


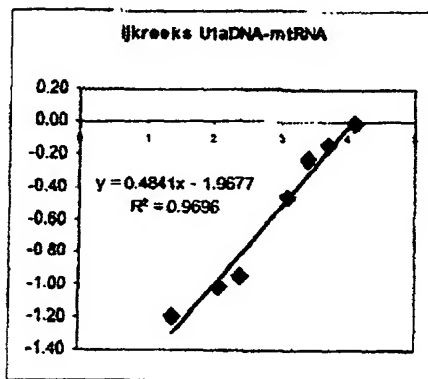
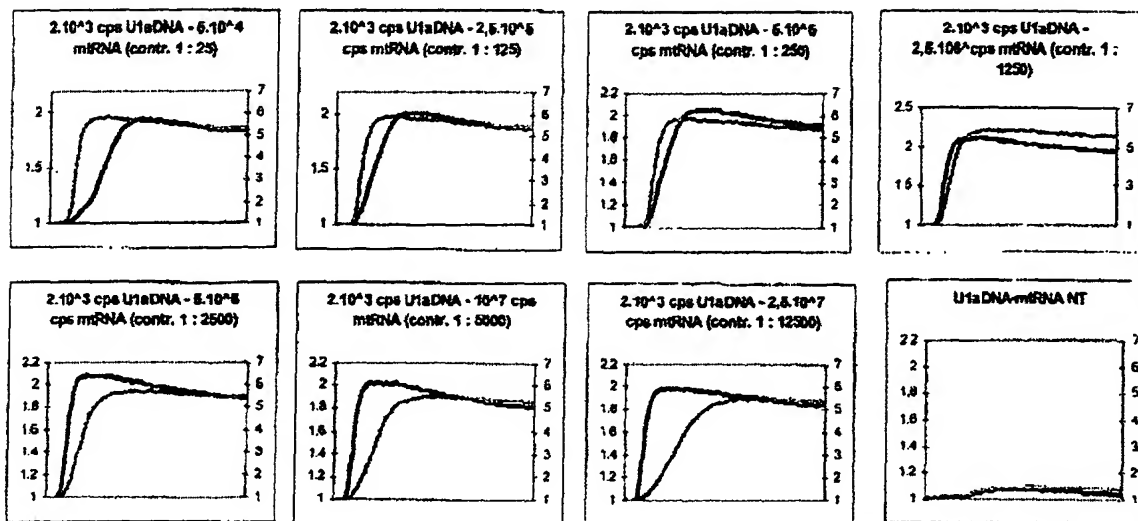
FIG. 21

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
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Figure 22



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total amount of  
mt RNA - n DNA duplex

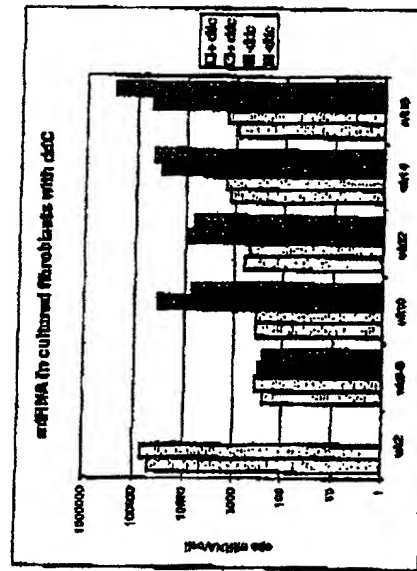
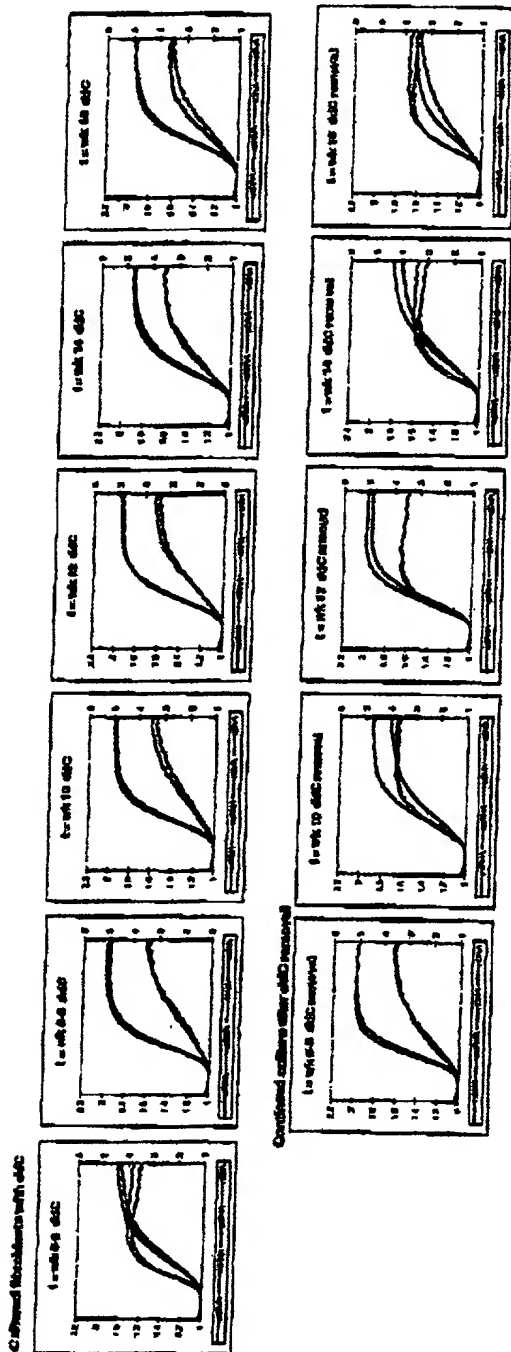


Figure 23

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Patent 6093001

**Adverse effects of antiretroviral therapy**

**Percentage of patients changing ART because of adverse effects**  
(results from the ATHENA-study in the Netherlands)

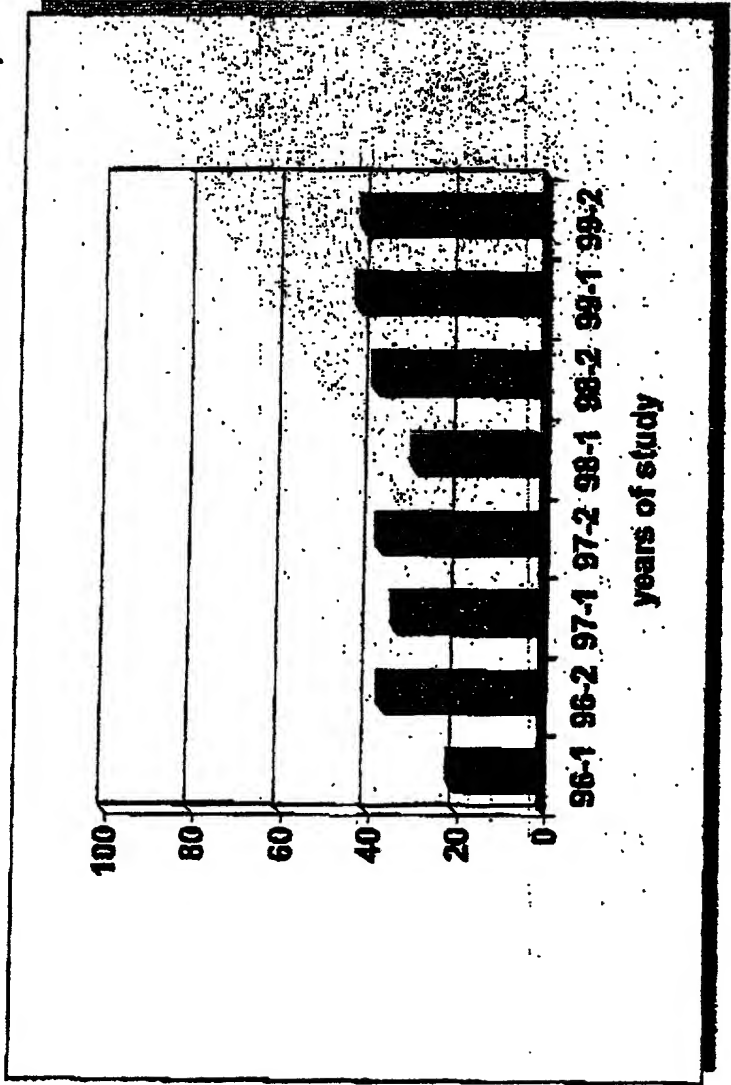


Figure 24

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## DNA-NASBA amplification

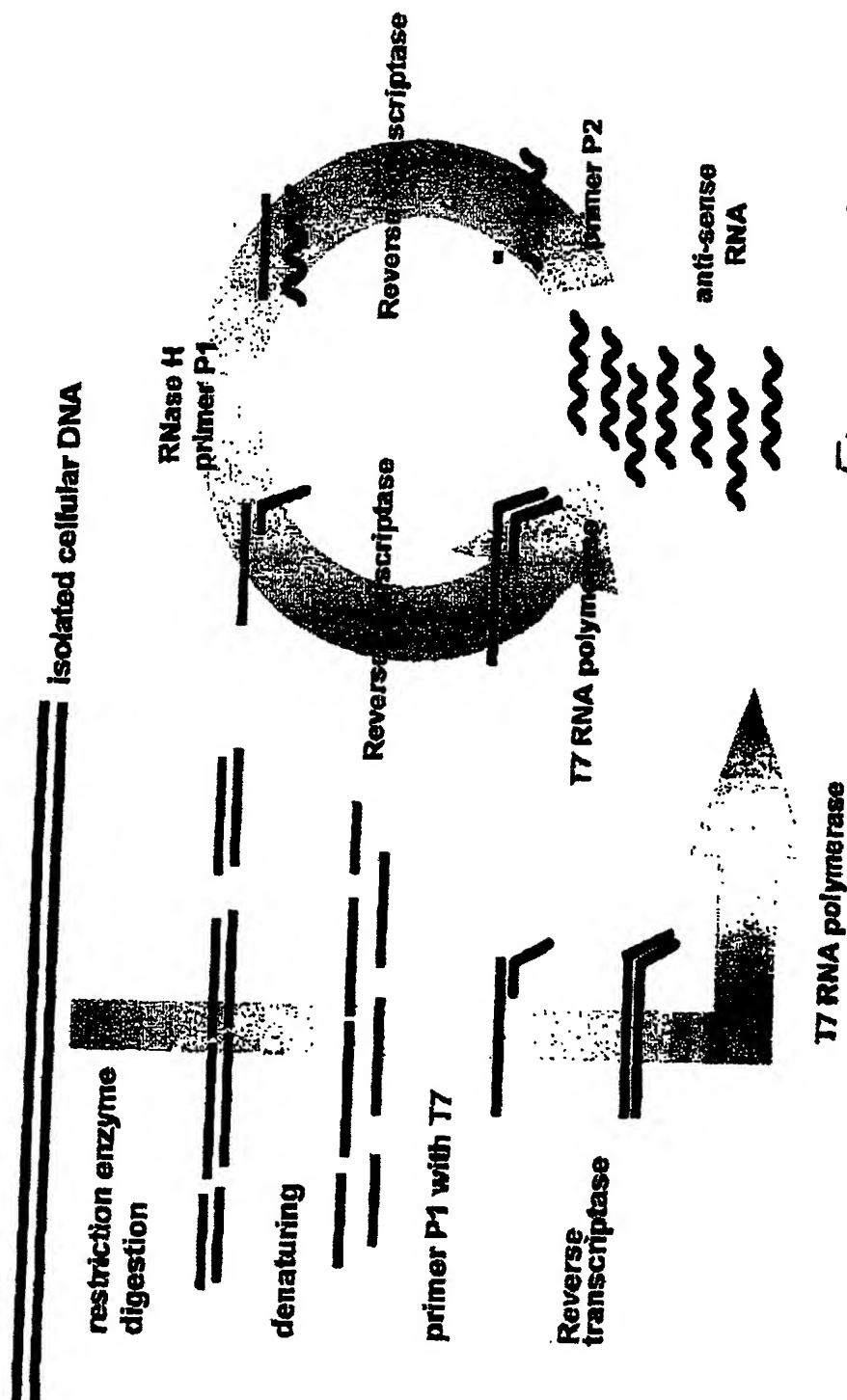


Figure 25

WITH  
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## Mitochondria

### *location of primers for NASBA*

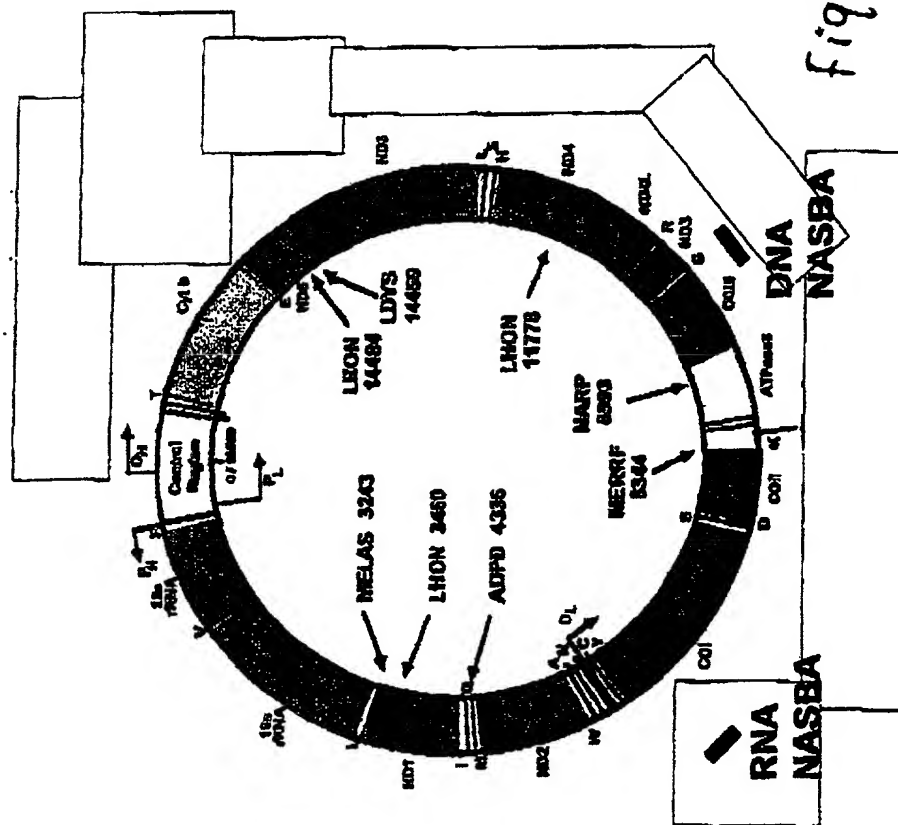


figure 26